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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kazushi Takanashi et al.  
Serial No.: 09/730,188 Art Unit: 2634  
Filing Date: December 5, 2000  
Title: "WAVEFORM EQUALIZER, MOBILE STATION  
WIRELESS APPARATUS USING THE SAME, BASE  
STATION WIRELESS APPARATUS USING THE SAME,  
AND MOBILE COMMUNICATIONS SYSTEM USING  
THE SAME"  
Docket No.: 33152

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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In accordance with Rule 56, applicants are aware of the publications listed in the European Search Report (copy enclosed) and in the enclosed copy of Patent Office Form 1449. A copy of each of the publications is enclosed herewith. The undersigned hereby certifies that each item of information contained in this Supplemental Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

If there are any fees resulting from this communication, please charge such fees to our Deposit Account No. 16-0820, Order No. 33152.

Respectfully submitted,

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July 20, 2004

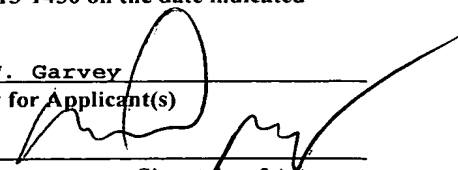
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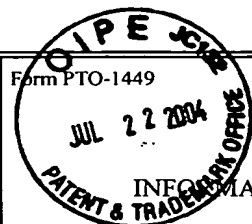
Michael W. Garvey

Name of Attorney for Applicant(s)

07/20/2004

Date

  
Signature of Attorney



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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
33152SERIAL NO.  
09/730,188INFORMATION DISCLOSURE CITATION  
BY APPLICANT  
(USE SEVERAL SHEETS IF NECESSARY)APPLICANT:  
Kazushi Takanashi et al.FILING DATE:  
December 5, 2000GROUP ART UNIT:  
2634

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	A						
	B						
	C						
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## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
	L	0 541 225 A2	05/1993	European			English Text
	M	0 609 828 A2	08/1994	European			English Text
	N	0 615 347 A1	09/1994	European			English Text
	P	0 831 478 A1	03/1998	European			English Text
	Q						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	R	Meng-lin Yu and Patrik Larsson, "A Technique for Improving the Convergence Probability of Blind Equalization", September 1997, IEEE, pages 326-330.
	S	
	T	

Examiner:

Date Considered

\*Examiner: Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.